

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032111.D
 Acq On : 13 Oct 2022 15:19
 Operator : JC/MD
 Sample : VX1013WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013WBSD01

Quant Time: Oct 14 07:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	73957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87478	57.274	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.540%			
35) Dibromofluoromethane	5.385	113	65070	49.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.620%			
50) Toluene-d8	8.647	98	233044	49.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.160%			
62) 4-Bromofluorobenzene	11.079	95	91288	54.379	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22005	19.993	ug/l	98
3) Chloromethane	1.288	50	17615	15.283	ug/l	98
4) Vinyl Chloride	1.374	62	20439	15.174	ug/l	98
5) Bromomethane	1.611	94	16906	17.006	ug/l	99
6) Chloroethane	1.685	64	15688	13.687	ug/l	96
7) Trichlorofluoromethane	1.886	101	38146	15.755	ug/l	96
8) Diethyl Ether	2.136	74	13940	16.891	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	19277	15.752	ug/l	93
10) Methyl Iodide	2.453	142	16369	15.176	ug/l	99
11) Tert butyl alcohol	2.989	59	22458	118.181	ug/l	97
12) 1,1-Dichloroethene	2.319	96	17207	15.275	ug/l	87
13) Acrolein	2.239	56	8373	64.873	ug/l	99
14) Allyl chloride	2.666	41	33006	20.591	ug/l	97
15) Acrylonitrile	3.069	53	61767	101.961	ug/l	99
16) Acetone	2.386	43	40698	78.402	ug/l	97
17) Carbon Disulfide	2.514	76	30774	12.721	ug/l	97
18) Methyl Acetate	2.703	43	37915	22.137	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	80119	21.194	ug/l	98
20) Methylene Chloride	2.788	84	25488	18.685	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22408	17.962	ug/l	98
22) Diisopropyl ether	3.764	45	77877	21.612	ug/l	98
23) Vinyl Acetate	3.727	43	295382	109.665	ug/l	99
24) 1,1-Dichloroethane	3.611	63	43633	20.200	ug/l	97
25) 2-Butanone	4.562	43	84554	104.200	ug/l	98
26) 2,2-Dichloropropane	4.477	77	30054	19.371	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	28092	18.819	ug/l	95
28) Bromochloromethane	4.904	49	21370	23.114	ug/l	94
29) Tetrahydrofuran	5.013	42	53314	101.827	ug/l	96
30) Chloroform	5.093	83	49807	20.701	ug/l	99
31) Cyclohexane	5.471	56	34597	18.961	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	41795	20.442	ug/l	98
36) 1,1-Dichloropropene	5.696	75	33705	19.261	ug/l	98
37) Ethyl Acetate	4.715	43	34186	20.751	ug/l	99
38) Carbon Tetrachloride	5.678	117	35492	19.836	ug/l	99
39) Methylcyclohexane	7.385	83	37057	17.754	ug/l	97
40) Benzene	6.044	78	98226	19.169	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19411	22.658	ug/l	99
42) 1,2-Dichloroethane	6.086	62	42295	22.651	ug/l	100
43) Isopropyl Acetate	6.342	43	53708	21.487	ug/l	100
44) Trichloroethene	7.129	130	26718	17.783	ug/l	95
45) 1,2-Dichloropropane	7.434	63	24771	19.671	ug/l	94
46) Dibromomethane	7.586	93	19162	19.635	ug/l	97
47) Bromodichloromethane	7.824	83	34863	20.679	ug/l	99
48) Methyl methacrylate	7.696	41	27745	23.229	ug/l	99
49) 1,4-Dioxane	7.684	88	10937	360.582	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	180063	108.705	ug/l	100
52) Toluene	8.720	92	63551	18.969	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	32230	18.538	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35956	19.693	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	27589	19.511	ug/l	95
56) Ethyl methacrylate	9.116	69	37897	20.908	ug/l	97
57) 1,3-Dichloropropane	9.311	76	45837	20.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	89269	95.408	ug/l	96
59) 2-Hexanone	9.433	43	133658	109.434	ug/l	98
60) Dibromochloromethane	9.525	129	25145	19.431	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27595	19.405	ug/l	99
64) Tetrachloroethene	9.275	164	26139	18.627	ug/l	94
65) Chlorobenzene	10.079	112	69237	18.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24442	18.755	ug/l	97
67) Ethyl Benzene	10.195	91	124395	19.524	ug/l	98
68) m/p-Xylenes	10.305	106	95024	37.530	ug/l	95
69) o-Xylene	10.640	106	46652	18.957	ug/l	95
70) Styrene	10.659	104	78459	19.943	ug/l	98
71) Bromoform	10.799	173	16116	18.890	ug/l #	99
73) Isopropylbenzene	10.963	105	126919	22.311	ug/l	99
74) N-amyl acetate	10.848	43	44816	25.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	40419	22.363	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	36689m	23.734	ug/l	
77) Bromobenzene	11.201	156	29281	20.896	ug/l	95
78) n-propylbenzene	11.305	91	146167	22.590	ug/l	98
79) 2-Chlorotoluene	11.366	91	89088	22.880	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	109355	23.178	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7816	20.247	ug/l #	69
82) 4-Chlorotoluene	11.457	91	103802	23.277	ug/l	96
83) tert-Butylbenzene	11.713	119	86372	18.497	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90454	18.872	ug/l	99
85) sec-Butylbenzene	11.890	105	114301	19.771	ug/l	99
86) p-Isopropyltoluene	12.012	119	97178	19.965	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	48916	18.334	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	50327	18.326	ug/l	98
89) n-Butylbenzene	12.335	91	81110	19.899	ug/l	98
90) Hexachloroethane	12.536	117	13196	17.911	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	48510	18.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6068	18.341	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	29105	18.077	ug/l	100
94) Hexachlorobutadiene	13.725	225	11846	18.192	ug/l	99
95) Naphthalene	13.774	128	104806	18.997	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30466	18.655	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

